

ABSTRACT OF THE DISCLOSURE

Disclosed is a stator of an induction motor, the induction motor comprising:
a stator provided with a main winding coil and an auxiliary winding coil at a
5 plurality of slots formed at a body of the stator; an induction rotor rotatably inserted
into the stator; and a magnet rotor rotatably inserted between the stator and the
induction rotor. Coil spans, intervals between the slots of the stator, are different
each other thus to have an increased counter electromotive force induced to the
main winding coil at the time of driving, thereby enhancing efficiency of the motor.
10 Also, end lengths of the main winding coil and the auxiliary winding coil become
short and the structure becomes simple, thereby reducing a consumption amount
of the coil and facilitating a coil winding work.